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| FORM PTO-1390<br>(REV. 1-2003)   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |   | ATTORNEY'S DOCKET NUMBER<br><b>590157-2021</b> |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |   | U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)<br><b>10/541718</b> |  |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/15551</b>   | INTERNATIONAL FILING DATE<br><b>4 December 2003</b>     | PRIORITY DATE CLAIMED<br><b>10 January 2003</b>                       |  |
| TITLE OF INVENTION: <b>METHOD AND SYSTEM FOR CONTROLLING THERMAL HEAD AND STENCIL MATERIAL ROLL</b>  |   |   |  |
| APPLICANT(S) FOR DO/EO/US <b>Kenji OSHIMA, Takashi OSOZAKI, and Morio OHASHI</b>   |   |   |  |
| Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |  |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |   |   |  |
| Items 11 to 20 below concern document(s) or information included:  |   |   |  |
| <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Datasheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <b>(cover page ONLY)</b></li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information:</li> </ol>   |   |   |  |
| <p>Copies of: 1) Int'l Search Report w/English Translation; 2) Demand; Forms PCT/IB/332, PCT/IB/308, PCT/IB/304, PCT/IB/301, PCT/IPEA/410 (Demand), PCT/ISA/210 (Int'l Search Report), and PCT Request (form PCT/RO/101)</p>   |   |   |  |
| <u><b>EXPRESS MAIL</b></u><br>Mailing Label Number: <b>EV 723349646 US</b><br>Date of Deposit: <b>July 8, 2005</b><br>I hereby certify that this paper or fee is being deposited with the United States Postal Service<br>"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.<br><b>Adam Ahmed</b><br><small>(Typed or printed name of person mailing paper or fee)</small><br><b>VACLO 8/21</b><br><small>(Signature of person mailing paper or fee)</small>  |   |   |  |

|   |              |   |            |   |        |                        |    |                       |    |
|---|--------------|---|------------|---|--------|------------------------|----|-----------------------|----|
| U.S. APPLICATION NO.(If known, see 37 CFR 1.5)<br><b>10/541718</b>  |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP03/15551                               |            | ATTORNEY'S DOCKET NO.<br><b>590157-2021</b> |        |                        |    |                       |    |
| The following fees are submitted:   |              |   |            |   |        |                        |    |                       |    |
| 21. <input checked="" type="checkbox"/> Basic national fee.....\$300.00 \$300.00  |              |   |            |   |        |                        |    |                       |    |
| 22. <input checked="" type="checkbox"/> Examination fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of<br>PCT Article 33(1)-(4).....\$100.00<br>All other situations .....\$200.00 \$200.00  |              |   |            |   |        |                        |    |                       |    |
| 23. <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an<br>International Searching Authority .....\$100.00<br>International Search Report prepared and provided to the Office.....\$400.00<br>All other situations .....\$500.00 \$400.00 |              |   |            |   |        |                        |    |                       |    |
| <b>TOTAL OF 21, 22 and 23=</b> \$900.00   |              |   |            |   |        |                        |    |                       |    |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |   |        |                        |    |                       |    |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) |            | RATE  |        |                        |    |                       |    |
| - 100=  | /50=         |   |            | x \$250.00                                  | \$ -0- |                        |    |                       |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ -0-   |              |   |            |   |        |                        |    |                       |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       |   |        |                        |    |                       |    |
| Total claims  | 15- 20=      | 0   | x \$50.00  | \$ -0-                                      |        |                        |    |                       |    |
| Independent claims  | 6 - 3=       | 3   | x \$200.00 | \$ 600.00                                   |        |                        |    |                       |    |
| <b>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</b>  |              |   |            |   |        |                        |    |                       |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b> \$ 1,500.00  |              |   |            |   |        |                        |    |                       |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by $\frac{1}{2}$ .  |              |   |            |   |        |                        |    |                       |    |
| <b>SUBTOTAL =</b> \$ 900.00   |              |   |            |   |        |                        |    |                       |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$  |              |   |            |   |        |                        |    |                       |    |
| <b>TOTAL NATIONAL FEE =</b> \$ 900.00   |              |   |            |   |        |                        |    |                       |    |
| Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  |              |   |            |   |        |                        |    |                       |    |
| <b>TOTAL FEES ENCLOSED =</b> \$ 1,500.00  |              |   |            |   |        |                        |    |                       |    |
| <table border="1"> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>Amount to be charged:</td> <td>\$</td> </tr> </table>  |              |   |            |   |        | Amount to be refunded: | \$ | Amount to be charged: | \$ |
| Amount to be refunded:  | \$           |   |            |   |        |                        |    |                       |    |
| Amount to be charged:   | \$           |   |            |   |        |                        |    |                       |    |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 1,500.00</u> to cover the above fees is enclosed.   |              |   |            |   |        |                        |    |                       |    |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.  |              |   |            |   |        |                        |    |                       |    |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0320</u> . A duplicate copy of this sheet is enclosed.   |              |   |            |   |        |                        |    |                       |    |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  |              |   |            |   |        |                        |    |                       |    |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.  |              |   |            |   |        |                        |    |                       |    |
| SEND ALL CORRESPONDENCE TO:   |              |   |            |   |        |                        |    |                       |    |
| <p><b>Matthew K. Ryan</b><br/>Frommer Lawrence &amp; Haug LLP<br/>745 Fifth Avenue<br/>New York, New York 10151</p>   |              |   |            |   |        |                        |    |                       |    |
| SIGNATURE   |              |   |            |   |        |                        |    |                       |    |
| Matthew K. Ryan   |              |   |            |   |        |                        |    |                       |    |
| NAME  |              |   |            |   |        |                        |    |                       |    |
| 30,800  |              |   |            |   |        |                        |    |                       |    |
| REGISTRATION NUMBER   |              |   |            |   |        |                        |    |                       |    |